East Waterway OU

Anthropogenic Background Approach Meetings

Participants: EPA, EWG, Ecology, Muckleshoot Tribe, Suquamish Tribe

Overall Purpose

To determine if available data can be used to develop anthropogenic background. Following these meetings, EPA will identify the next steps for determining anthropogenic background (AB) for the East Waterway (EW), and the timing of that determination related to the development of Site decision documents.

Table 1 Preliminary Planning for Anthropogenic Background Meetings

Meeting	Date	Purpose	Materials (Prepared by EWG)	Outcome
#1 Define the problem, identify the goals of the AB evaluation, and discuss physical Conceptual Site Model (CSM).	Week 1, September 9, 11 am - 1 pm	Define inputs into AB. Identify inputs to the EW that affect long-term concentrations that can be included in AB. Review the CSM from the EW FS.	A draft narrative problem definition and goals prior to the meeting (~1 page narrative) and summary of EW CSM evaluations from the FS.	Agree upon problem, goals, and key elements of the CSM important to determining AB.
#2 Complete physical CSM discussions (if needed)	Week 2, September 15, 11 am - 1 pm	Review the CSM from the EW FS to understand how components affect long term concentrations.	Summary of EW CSM evaluations from the FS.	Agree upon key elements of the CSM important to determining AB.
#3 Available information review: Green River (upstream bedded sediment, suspended solids, and Turning Basin cores)	Week 3, September 24, 11 am - 1 pm	Review available Green River data.	Description of collection/testing approach and summary of data sets, number of samples, summary statistics.	Identify how available data can be used to develop AB.

Meeting	Date	Purpose	Materials (Prepared by EWG)	Outcome
#4 Available information review: LDW laterals, LDW bedded sediment, and EW laterals	Week 5, October 7, 11 am - 1 pm	Review available data from EW and LDW lateral loads and LDW bedded sediment to the EW.	Description of collection/testing approach and summary of data sets, number of samples, summary statistics.	Identify how existing data can be used to develop AB.
#5 Data sufficiency evaluation	Week 7, October 21, 11 am - 1 pm	Determine if there are any critical data gaps required to determine AB.	Summary of all available data sets	Determine if any critical data gaps exist and the extent those data gaps influence uncertainty in AB.
#6 AB Data Analysis Approach	Week 9 November 4, 11 am - 1 pm	Develop a path forward for determining AB.	Proposed data analysis approach to determine AB.	EPA will decide to develop AB with available data or fill data gaps. Finalize the approach and set schedule.